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ID AI895210 standard; A; EST; 583 BP.  
 XX  
 AC AI895210;  
 XX  
 SV AI895210.1  
 XX  
 DT 28-JUL-1999 (Rel. 60, Created)  
 DT 04-MAR-2000 (Rel. 63, Last updated, Version 2)  
 XX  
 DE EST264653 tomato callus, TAMU Lycopersicon esculentum cDNA clone cLEC7I1,  
 DE mRNA sequence.  
 XX  
 KW EST.  
 XX  
 OS Lycopersicon esculentum (tomato)  
 OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
 OC Magnoliophyta; eudicotyledons; core eudicots; Asteridae; euasterids I;  
 OC Solanales; Solanaceae; Solanum; Lycopersicon.  
 XX  
 RN [1]  
 RP 1-583  
 RA Alcala J., Vrebalov J., White R., Matern A.L., Vision T., Holt I.E.,  
 RA Liang F., Upton J., Craven M.B., Bowman C.L., Ahn S., Ronning C.M.,  
 RA Fraser C.M., Martin G.B., Tanksley S.D., Giovannoni J.;  
 RT "Generation of ESTs from tomato callus tissue";  
 RL Unpublished.  
 XX  
 CC On Dec 20, 1995 this sequence version replaced gi:1135977.  
 CC Contact: David Frisch  
 CC Clemson University Genomics Institute  
 CC Clemson University  
 CC 100 Jordan Hall, Clemson, SC 29634, USA  
 CC Tel: 864 656 4366  
 CC Fax: 864 656 4293  
 CC Email: dfrisch@CLEMSON.EDU  
 CC 5 prime sequence.  
 XX  
 FH Key Location/Qualifiers  
 FH  
 FT source 1..583  
 FT /db\_xref="taxon:4081"  
 FT /db\_xref="ESTLIB:1887"  
 FT /note="Vector: pBlueScript SK(-); Site\_1: EcoRI; Site\_2:  
 FT XhoI; supplier: Giovannoni laboratory; cLEC - Cotyledons of  
 FT seedlings 7-10 days post-germination were excised, cut at  
 FT both ends and placed on MS medium with no selection. Mixed  
 FT callus was harvested at 25 and 40 days and included  
 FT undifferentiated masses. Tomato Callus EST Library"  
 FT /organism="Lycopersicon esculentum"  
 FT /cultivar="TA496"  
 FT /clone="cLEC7I1"  
 FT /clone\_lib="tomato callus, TAMU"  
 FT /tissue\_type="callus"  
 FT /lab\_host="XL1-Blue MRF"  
 FT /dev\_stage="25-40 days old"  
 XX  
 SQ Sequence 583 BP; 171 A; 110 C; 137 G; 165 T; 0 other;  
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 cattgaaacg gttctaagac ctttggtgca gaaatttoca cgattgaagg tcgtgatgga 120  
 gcatgtcacc accatggatg ctgttaagtt tgttgaatct tgcagtgaag gatttgttgc 180  
 agcgactgtc accccacaac atcttgtttt aaacaggaat tctctcttcc aagggggctt 240  
 acaaccgcat aattactgcc ttccagtcct caaaagagag atccacaggg aggcacttgt 300

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atcagtatat gcaaagggt ttgaaaagga aaatgcactt gacaagct ttgacatttac 480  
cagcttcaat ggaccagact tttatgggct tccgaggaac aactcaaaga ttaagttgag 540  
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